LEVEL 2

Resource: Primary computing 2, ICT & Robotics

Q NO. 1: Circle T for True answer or F for False answer:

1. An algorithm is a set of instructions. T / F
2. Instructions (steps) must be in correct order inside the algorithm. T / F
3. Test means to check something. T / F
4. When an algorithm is precise, it includes all the information that people need to follow it. T / F
5. Split tasks into smaller parts to make it easier to follow. T / F
6. SecratchJr is used to draw T / F

Q NO.2: Find the <u>bug</u> in the algorithm

- Getting dressed algorithm:

    1. Put on your trousers.
    2. Put on your T-shirt.
    3. Put on your shoes.
    4. Put on your socks.

- Brush your teeth algorithm:

    1. Go to the washroom.
    2. Brush your teeth.
    3. Put toothpaste

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4. Wash your mouth

- Make a sandwich algorithm:

    1. Spread the cheese
    2. Put the slice of bread
    3. Put some cucumber
    4. Put another slice of bred

Q NO. 3: Put the correct word in the correct place :

Forgetting- instructions - Bug - Wrong order-Precise algorithm -Debugging

1. _____is a mistake in the algorithm.
2. _____is the process of finding and fixing bugs
3. Splitting the algorithm into smaller steps can help us to make_____.
4. _____ a set of words or pictures that tell you what to do or how to make something.
5. Two of the most common bugs in algorithms are:

    A) _____ to include instructions

    B) Putting instructions in the _____

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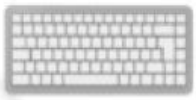
Q NO. 4: Put hardware and software in the correct place.

1.Mouse

2.Paint program


3.Keyboard

4.Controller

5.Games

Hardware

Software

Q NO. 5: Determine the address of the shapes:

The	●	Is on	.....
The	★	Is on	.....
The	▲	Is on	.....
The	⬟	Is on	.....
The	♥	Is on	.....

	1	2	3	4	5	6
A						⬟
B			▲			
C	♥					
D					★	
E						
F		●				

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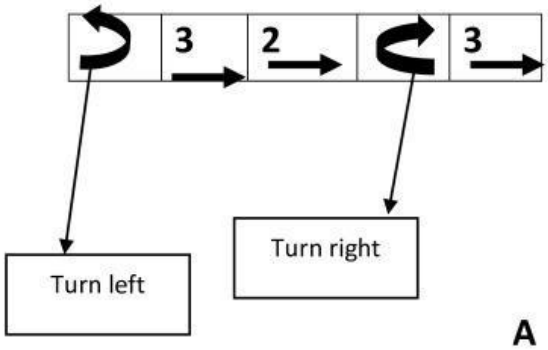
Q NO. 6: Determine the Cat's position after executing the following commands:



	1	2	3	4	5	6
A						
B						
C						
D						
E						
F						
G						

Cat's position

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